

ARG44400 anti-LEMD3 / MAN1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes LEMD3 / MAN1
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	LEMD3 / MAN1
Species	Human
Immunogen	Human LEMD3 / MAN1 recombinant protein (aa. sequence: H535-H852).
Conjugation	Un-conjugated
Alternate Names	LEMD3; LEM Domain Containing 3; MAN1; Inner Nuclear Membrane Protein Man1; LEM Domain-Containing Protein 3; MAN Antigen 1; Integral Inner Nuclear Membrane Protein; LEMD3/MKX Fusion

Application Instructions

Application table	Application	Dilution
	FACS	1-3 µg/1x10 ⁶ cells
	WB	0.25-0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

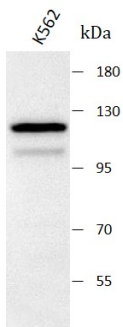
Bioinformation

Gene Symbol	LEMD3
Gene Full Name	LEM Domain Containing 3
Background	This locus encodes a LEM domain-containing protein. The encoded protein functions to antagonize transforming growth factor-beta signaling at the inner nuclear membrane. Two transcript variants encoding different isoforms have been found for this gene. Mutations in this gene have been associated with osteopoikilosis, Buschke-Ollendorff syndrome and melorheostosis.
Function	Can function as a specific repressor of TGF-beta, activin, and BMP signaling through its interaction with the R-SMAD proteins. Antagonizes TGF-beta-induced cell proliferation arrest
Calculated Mw	100 kDa
PTM	Acetylation, Phosphoprotein
Cellular Localization	Membrane, Nucleus

Images

ARG44400 anti-LEMD3 / MAN1 antibody WB image

Western blot: K562 stained with ARG44400 anti-LEMD3 / MAN1 antibody at 0.5 µg/mL dilution.



ARG44400 anti-LEMD3 / MAN1 antibody FACS image

Flow Cytometry: 293T stained with ARG44400 anti-LEMD3 / MAN1 antibody at 1 µg/10^6 cells dilution.

